

09/05/03
16563 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Our Docket No.: 14318.04

First Named Inventor: Matthew Dugas

Title: Solid State Membrane Channel Device for the
Measurement and Characterization of Atomic and Molecular
Sized Sample

Express Mail No.: EV324255034US

ADDRESS TO:

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

09/05/03
10/656859
0940 U.S. PTO

APPLICATION ELEMENTS

1. ☐ Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification Total Pages: 16
 - ☒ Descriptive title of the invention
 - ☒ Cross Reference to Related Applications
 - ☐ Statement Re: Fed. Sponsored R&D
 - ☐ Reference to Microfiche Appendix
 - ☒ Background of the Invention
 - ☒ Brief Summary of the Invention
 - ☒ Brief Description of the Drawings
 - ☒ Detailed Description
 - ☒ Claims
 - ☒ Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 10
5. ☒ Oath or Declaration Total Pages: 2
 - a. ☐ Newly Executed (original or copy)
 - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with
Box 19 completed)
 - i. ☐ **DELETION OF INVENTORS**
Signed statement attached deleting inventor(s)
named in the prior application (37 C.F.R.
1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37 C.F.R. 1.76)
7. ☐ CD-ROM or CD-R in duplicate,
large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney
13. ☐ Information Disclosure Statement
(with Copies of Citations as necessary)
14. ☐ Preliminary Amendment Total Pages:
15. ☐ Certified Copy of Priority document(s)
(if foreign priority is claimed)
16. ☐ English Translation Document (if applicable)
17. ☒ Return Receipt Postcard
(Should be specifically itemized)
18. ☐ Other
 - ☐ Check No. _____ for \$ _____
 - ☐ Copy of Power of Attorney from prior application
 - ☐
 - ☐
 - ☐
 - ☐

CONTINUATION APPLICATIONS

19. **If a CONTINUING APPLICATION, check appropriate box and
supply the requisite information:**

- ☒ Continuation
- ☐ Division
- ☐ Continuation-in-Part (CIP)

of PRIOR APPLICATION

No. 09/815,461, filed March 23, 2001
and also claims priority from
60/191,663, dated March 23, 2000.

For CONTINUATION or DIVISIONAL APPLICATIONS: The entire
disclosure of the prior application, from which a copy of the oath or
declaration is supplied under Box 5b, is considered as being part of the
disclosure of the accompanying application and is hereby incorporated
by reference.

CORRESPONDENCE ADDRESS

ADDRESS		CUSTOMER NUMBER		DORSEY & WHITNEY LLP Intellectual Property Department Suite 1500 50 South Sixth Street Minneapolis, MN 55402-1498	
		25763 25763 PATENT TRADEMARK OFFICE			
TELEPHONE	612-340-7990			FAX	612-340-8856
Attorney Name: Devan V. Padmanabhan				Reg. No. 38,262	
Signature: <i>Devan V. Padmanabhan</i>				Date: <i>Sept. 5, 2003</i>	